

US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>		<b>2. Date Prepared</b>		<b>3. Time Prepared</b>		<b>UNIT LOG ICS 214</b>	
Kalamazoo River/Enbridge Spill		11/28/2012		1615			
<b>4. Unit Name/Designators</b>		<b>5. Unit Leader</b>			<b>6. Operational Period :</b>		
Operations Unit/Submerged Oil Branch, Science Group		<b>Name:</b>		Dan Capone & Chris Lantinga (START/US EPA)		<b>From:</b>	11/28/2012 0700
		<b>Position:</b>		Operations Section Chief		<b>To:</b>	11/28/2012 1545
<b>7. Personnel Roster Assigned</b>							
<b><u>Name</u></b>		<b>ICS Position</b>			<b>DUTY CELL</b>		
Dan Capone		Operations Section Chief					
Chris Lantinga		Deputy Operations Section Chief					
Dan Zahner		Field Team Lead					
Vinnie DelloRusso		SOS Team #2					
<b>8. Activity Log</b>							
<b>Activity Area</b>		Oversee core logging and sampling for the Quantification activities				<b>LAT</b>	<b>LAT</b>
						<b>Various</b>	<b>Various</b>
						(DD.MMMM)	(DD.MMMM)
<b><u>OIL OBSERVED</u></b>		<b>EXTENT OF OIL IMPACTED AREA</b>					
		<b>DENSITY OF OIL /SHEEN</b>					
<b>Total Collection Points</b>							
<b>Total Boom Deployed</b>							
<b>Activity</b>		<p><b><u>Weston/START Submerged Oil Branch Science Group (SOS) Team Activity:</u></b>  Vinnie DelloRusso EPA/START - SOS Team 2 conducted oversight of core logging and sampling activities for Team 1 (Jerry Kraemer-LBG logging lead) at the former wildlife center building logging station at C3.2 boat launch area on G Drive North as part of the oil in sediment quantification assessment. Marc Wahrer-EPA/START was also on-site to conduct oversight of a second logging/sampling team (Team 2, Ralph Freed-AECOM logging lead). No split samples were collected by EPA/START. The following cores were logged and sampled:</p> <ul style="list-style-type: none"> <li><b>SEKR3750C707:</b> No sheen or oil observed under plain light or UV light. Petroleum odor was observed from the 1.6-2.1ft depth interval. AECOM collected six sediment samples plus a duplicate and MS/MSD samples. Four samples including the 1.6-2.1 ft interval sample were submitted for analysis and two samples were for lab hold.</li> <li><b>SEKR1075C701:</b> Eight millimeter-sized globules (3% fluorescence) were observed with yellow orange oil fluorescence under ultraviolet (UV) light from the 0.5 -0.9 ft depth interval with a trace of sheen visible in plain light. No petroleum odors observed. AECOM collected five sediment samples. Three samples were submitted for analysis and two for lab hold.</li> <li><b>SEKR0425C702:</b> No sheen or oil observed under plain light or UV light. No petroleum odors observed. AECOM collected seven sediment samples plus a</li> </ul>					

	<p>duplicate sample. Three samples were submitted for lab analysis and four for lab hold.</p> <ul style="list-style-type: none"><li>• <b>SEKR1575C703:</b> No sheen or oil observed under plain light or UV light. No petroleum odors observed. AECOM collected five sediment samples. Three samples were submitted for analysis and two for lab hold.</li><li>• <b>SEKR3750C705:</b> Six isolated, millimeter-sized globules and a small stick smeared with yellow orange oil fluorescence (2% by area) were observed in the 0.2-0.8 ft depth interval under UV light. A weak petroleum odor was detected throughout the core. AECOM collected four sediment samples which were submitted for analysis with none on lab hold.</li><li>• <b>SEKR3725C704:</b> No visible sheen, oil or oil fluorescence observed under UV or plain light. No petroleum odor was detected. AECOM collected seven sediment samples, four of which were submitted for analysis and three on lab hold.</li><li>• <b>SEKR2825C701:</b> No visible sheen, oil, or oil fluorescence was observed under UV or plain light. No petroleum odor was detected. AECOM collected five sediment samples and a duplicate sample. Three samples were submitted for analysis and two were identified for lab hold.</li></ul>
Health and Safety Issues	None
Comments	Information for this 214 is in Logbook SOS2. Cores were properly logged by LBG in accordance with the USCS, and samples were collected in accordance with the SOP for oil quantification core sampling.